

## E—Editorial.

	PAGE		PAGE
Bastedo, Walter A.—		Edwards, Myles W.—	
What the Physician Should		Studies in the Use of 2,4-Dini-	
Know About Tobacco Smok-		trophenylhydrazine as a Qua-	
ing .....	526	titative Reagent for Carbonyl	
		Compounds: II. Benzophe-	
		none and Acetone .....	208
Bliss, A. Richard, Jr.—			
Comparison of the Method Pro-		Fischer, Louis—	
posed by the International		A Report on Fluorides in Wine	512
Committee for Studying			
Opium Assaying and the		Gershenfeld, Louis—	
Group Committee Method		The Medical Works of Mai-	
Recommended for Adoption in		monides and His Treatise on	
the U. S. Pharmacopœia, XI	193	Personal Hygiene and Die-	
		tetics .....	14
Blome, W. H.—			
A Comparison of the Method		Graham, J. Howard—	
Proposed by the International		Biophotogenesis and Chemilu-	
Committee for Studying		minescence .....	145
Opium Assaying and the			
Group Committee Method		Grantham, R. I.—	
Recommended for Adoption in		A Comparison of the Method	
the U. S. Pharmacopœia, XI	193	Proposed by the International	
		Committee for Studying	
		Opium Assaying and the	
		Group Committee Method	
		Recommended for Adoption in	
		the U. S. Pharmacopœia, XI	193
Bryan, Hilah F.—			
A Contribution to the Pharma-		Greenbaum, Frederick R.—	
cology of Myrrh, Krameria		Method of Separation of Large	
and Eriodictyon .....	500	Amounts of Tyrosine From	
		Cystine .....	162
Butts, Don. C. A.—			
Survey of the Springs of Fair-			
mount Park .....	358		
Dunn, M. S.—			
Economic Plants (B) .....	223		

	PAGE		PAGE
Griffith, Ivor—		Kremers, Edward—	
A Century Ago (E) .....	313	The Apothecary, A Literary	
Clinical Laboratory Methods		Study .....	482
(B) .....	42		
Man Labors—Nature Works		LaWall, Charles H.—	
(E) .....	43	Popular Practice of Fraud (B) ..	139
More Power to the Federal		Romance of Exploration (B) ..	138
Food and Drug Law En-			
forcers (E) .....	345	Lawler, F. C.—	
The New Pharmacopoeia (E) ..	497	Survey of the Springs of Fair-	
Popular Science Lectures .....	45	mount Park .....	358
Pure Water (E) .....	267		
Science Marches On (E) ....	1	Leonard, George F.—	
Sea—Inside .....	317	Isolation of a Virulent and	
Selenium the Strange (E) ....	141	Highly Toxicogenic Strain of C.	
Solid Extracts ....39, 95, 135,		Diphtheriae .....	174
185, 220, 259, 308, 341, 380			
The Availability of Poisons (E)	225	Lichtin, Aaron—	
The New Chemistry (E) ....	191	Eleazor L. Cohen .....	301
The Chemical Revolution (E) .	457		
The New Mild Tincture of		Macht, David I.—	
Iodine (E) .....	393	A Contribution to the Pharma-	
The Noise of Molecules (E) ..	99	cology of Myrrh, Krameria	
		and Eriodictyon .....	500
		Mack, Harry—	
		Bio-Chemistry of Amygdalin ..	393
Holm, August—		Mallory, G. E.—	
Isolation of a Virulent and		Detailed "Acid Hydrolysis	
Highly Toxicogenic Strain of		Mehod for Opium Analysis" ..	515
C. Diphtheriae .....	174	Separation of Strychnine From	
		Cinchona Alkaloids .....	349
Horn, David Wilbur—			
A New Lactometer Reading To-		Mattis, P. A.—	
tal Solids .....	212	Survey of the Springs of Fair-	
		mount Park .....	358
Johnson, Frederick F.—			
A Report on Fluorides in Wine	512	McCoy, George W.—	
		Newer Concepts of Public	
Kramer, John E.—		Health .....	227
Drugs of the Bible .....	280		

	PAGE		PAGE
McMurray, R. L.—		Raiford, L. Charles—	
The Oils of <i>Artemisia Rigida</i>		Further Study of Derivatives	
(Nutt.) Gray .....	177	of Diphenyl Ether .....	472
Volatile Oil of <i>Achillea Mille-</i>		Replacement of the Amino	
folium Linné .....	33	Group of Aromatic Amines	
		by Hydrogen .....	242
Moerk, Frank N.—		Riley, Charles H.—	
Survey of the Springs of Fair-		Separation and Detection of Co-	
mount Park .....	358	caine in Mixtures of Cocaine	
		and Procaine .....	270
Norin, G.—		Rosin, Joseph—	
Oils of <i>Artemisia Rigida</i>		A. Comparison of the Method	
(Nutt.) Gray .....	177	Proposed by the International	
		Committee for Studying	
Nussle, Wm., Jr.—		Opium Assaying and the	
Preparation of Tetrahydro-		Group Committee Method	
naphthalene Peroxide .....	29	Recommended for Adoption	
		in the U. S. Pharmacopœia,	
		XI .....	193
Oberst, Fred W.—		Rotondaro, Felice A.—	
Replacement of the Amino		The Estimation of Alkaloidal	
Group of Aromatic Amines		Salts by the Direct Titration	
by Hydrogen .....	242	of Their Acid Radicals .....	237
Osol, Arthur—		Strock, Lester W.—	
Scientific and Technical Ab-		Distribution of Selenium in	
stracts .....	35, 89, 131, 179,	Nature .....	144
	216, 252, 335, 374		
Perkins, G. W.—		Taylor, J. Norman—	
Preparation of Tetrahydro-		Spices and the Caribbees .....	73
naphthalene Peroxide .....	29		
Studies in the Use of 2,4-Dini-		Tice, Linwood F.—	
trophenylhydrazine as a Quan-		Hand Homogenizer and Its Use	
titative Reagent for Carbonyl		for the Extemporaneous Prep-	
Compounds: II. Benzophe-		aration of Pharmaceutical	
none and Acetone .....	208	Emulsions .....	158
Podolsky, Edward—		Scientific and Technical Ab-	
Early History of <i>Digitalis</i> ....	352	stracts .....	451, 490, 549

	PAGE		PAGE
Toennies, G.—		Viehoever, Arno—	
Preparation of Tetrahydro-		Daphnia Propagation .....	103
naphthalene Peroxide .....	29	Evaluation of Aloe .....	47
		Bio-Chemistry of Amygdalin ..	397
Valaer, Péter, Jr.—			
Detailed "Acid Hydrolysis		Youngken, Heber W.—	
Method for Opium Analysis" ..	515	Microscopy of Powdered Desic-	
Separation of Strychnine From		cated Endocrine Glands .....	463
Cinchona Alkaloids .....	349		
The Red Pill or Opium Sub-		Zimmerman, John C.—	
stitute .....	199	Further Study of Derivatives of	
		Diphenyl Ether .....	472

**TITLE AND SUBJECT INDEX FOR 1935.**

A—Abstract.  
B—Book Review.  
E—Editorial.  
S—Solid Extract.

	PAGE		PAGE
A Century Ago (E) .....	313	Alkaloids, Determination of, in Ergot (A) .....	217
Atramentaceous Fluid (Ink), Some History of (S) .....	343	Alkaloids of Opium (A) .....	133
Acacia of the Bible .....	283	Allantoin (S) .....	261
Acetone, Use of 2,4-Dinitrophenylhydrazine as a Quantitative Reagent for .....	208	Allergy of Smokers .....	529
Acid, 1-Mandelic, Properties, etc.	438	Almonds of the Bible .....	283
Acid Tartaric, New Reactions of (A) .....	376	Aloe, Evaluation of .....	47
Achillea Millefolium Linné, Volatile Oil of .....	33	Aloes of the the Bible .....	284
Acid Hydrolysis Method for Opium Analysis .....	515	Aluminum (S) .....	41
Aconite Root, Aconitine in (A) ..	182	Amebic Dysentery .....	230
Aconitine in Aconite Root (A) ..	182	Amidopyrine, Detection of (A) ..	184
Agar Agar Determination (A) ..	549	Amidopyrine, An Incompatibility of (A) .....	92
Agranulocytosis .....	244	Amines, Aromatic, Replacement of Amino Group by Hydrogen ...	242
Agranulocytosis, Relationship to Drug Therapy (A) .....	490	Amino Group of Aromatic Amines, Replacement by Hydrogen .....	242
Air, Composition of (S) .....	220	Ammonia and Nux Vomica (A) ..	258
Alcohol, Crotyl, Low Cost .....	357	Ammonia, New Color Reaction of (A) .....	36
Aldehydes From Cigarette Smoke	528	Ammonia, Properties, etc. ....	434
Alkaloidal Base Detection (A) ..	492	Amygdalin, Bio-Chemistry of ...	397
Alkaloidal Salts, Estimation of by the Direct Titration of Their Acid Radicals .....	237	Amygdalin Acid .....	429
		Anæsthesia in Third Century (S)	311
		Analysis of Man, Chemical .....	481

	PAGE		PAGE
Anise of the Bible .....	284	Bees and Honey, Arsenic Content After Dusting With Arsenicals (A) .....	303
Anthelmintic, Hexylresorcinol as an (A) .....	91	Benzaldehyde, Properties, etc. ...	409
Antioxygen Action of Various Compounds (A) .....	548	Benzaldehyde, Use of 2,4-Dinitro- phenylhydrazine as a Quantita- tive Reagent for .....	209
Antipyrine, Microchemistry of (A) .....	375	Benzophenone, Use of 2,4-Dinitro- phenylhydrazine as a Quantita- tive Reagent for .....	208
Apothecary, Literary Study .....	482	Berkeley, George (S) .....	98
Argon (S) .....	312	Bible, Drugs of the .....	280
Aromatic Amines, Replacement of Amino Group by Hydrogen ...	242	Bio-Chemistry of Amygdalin ....	397
Arsenic Content of Honey and Bees (A) .....	303	Biophotogenesis and Chemilumi- nescence .....	245
Arsenic in Natural Waters (A) ..	495	Bismuth Subnitrate, Zinc Oxide and Glycerine Incompatibility (A) .....	550
Arsenic Occurrence (S) .....	309	Blood (S) .....	95
Arsine, Zinc Pellets for Genera- tion of, in Gutzeit Method (A)	379	Blood, Measured Contents of (S)	187
Artemisia Rigida (Nutt.) Gray, The Oils of .....	177	Blood Pressure of Smokers .....	541
Arthritis Treated With Colloidal Sulphur (A) .....	493	Blood Transfusion .....	130
Aryl Ethers .....	474	Book Reviews .....	42, 138, 223, 554
Aspirin and Potassium Citrate (A) .....	256	Boric Acid, Sensitive Reaction for (A) .....	180
Aspirin Discredited (S) .....	185	Brain (S) .....	136
Astereognosis (S) .....	135	Bromide-Bromate Volumetric So- lutions (A) .....	37
Atom "Scale" (S) .....	221	Buffer Solutions in Ophthalmol- ogy (A) .....	252
Baby Oil (A) .....	462	By-Laws of the Philadelphia Col- lege of Pharmacy and Science..	386
Ball Mill for Bacteria (S) .....	260	Caffeine, Microdetermination of (A) .....	377
Balm of Gilead .....	284		
Bdellium .....	285		
Beer as a Food (S) .....	40		

	PAGE		PAGE
Calamus of the Bible .....	285	Chloroform and Carbon Tetra- chloride, Differentiation (A) ..	452
Calcium Chloride, Effect of Steri- lization on Solutions of (A) ..	337	Chloroform, Anesthetic, Preser- vation of (A) .....	451
Calcium Thiosulphate (A) .....	131	Cholesterol in Cosmetics (A) ...	182
Calendar Error (S) .....	97	Chronology of Paper (S) .....	382
Cancer in Smokers .....	530	Cinchona Alkaloid, Separation of Strychnine From .....	349
Canned Flies (S) .....	262	Cinnamon of the Bible .....	286
Caoutchouc (S) .....	259	Citric Acid, Determination of, as Pentabromoacetone and its Ap- plication to Wine (A) .....	34
Cantharidin Reaction, New (A) ..	551	Classification of Hydrocarbons (A) .....	453
Carbon (S) .....	259	Cliffe, William L.—In Memoriam	83
Carbon Oil for Lamps (S) .....	381	Clinical Laboratory Methods (B)	42
Carbon Tetrachloride and Chloro- form Differentiation (A) .....	452	Cocaine, Separation and Detection in Mixtures of Cocaine and Pro- caine .....	270
Carbonyl Compounds, Use of 2,4- Dinitrophenylhydrazine as a Quantitative Reagent for .....	208	Cocaine Solutions, Decomposition of, on Sterilization and Standing (A) .....	254
Caribbees, Spices and the .....	73	Codfish Oil a Century Ago .....	314
Cassia of the Bible .....	285	Cod Liver Oil Oxidation (A) ...	548
Cataracts Followed Use of Dini- trophenol for Reducing (A) ..	303	Cohen, Eleazor L., Biography ..	301
Cerate of Pink Spermaceti (S) ..	382	Colds (S) .....	380
Charcoal in Infection (A) .....	92	Cold Control Research (S) .....	382
Chemical Analysis of Man .....	481	Colloidal Silver Ointment, Detec- tion of Silver in (A) .....	338
Chemical Revolution, The (E) ..	457	Color by Touch (S) .....	185
Chemiluminescence and Biophoto- genesis .....	245	Commencement (113th) of the Philadelphia College of Phar- macy and Science .....	304
Chemistry, The New (E) .....	191		
Chloramine-T (S) .....	264		
Chloramine, Estimation of, in Water Supplies (A) .....	452		
Chloroform (S) .....	261		

	PAGE		PAGE
Constitution of the Philadelphia College of Pharmacy and Science	384	Dill of the Bible	286
Copper, Separation From Cadmium, etc. (A)	181	Dimethylaminoantipyrine, An Incompatibility of (A)	92
Corpus Luteum, Powdered	468	Dinitrophenol, Cataracts Followed Use of for Reducing (A)	303
Coriander of the Bible	286	Dinitrophenol, 2,4, Detection and Determination of in Tablets and Capsules (A)	377
Correspondence	190	Dinitrophenol, Detection of (A)	184
Correspondence	198	Dinitrophenol Not Acceptable for N. N. R. (A)	451
Cosmetics, Cholesterol in (A)	182	2,4-Dinitrophenylhydrazine, Use as a Quantitative Reagent for Benzophenone and Acetone	208
Creosote Ointment a Century Ago	313	Diphtheriae C., Isolation of a Virulent and Highly Toxicogenic Strain of	174
Crotyl Alcohol, Low Cost	357	Diphenyl Ether Derivatives	472
Cummin of the Bible	286	Dispensing Notes and Difficulties (A)	131
Cystine, Method of Separation of Large Amounts of Tyrosine From	162	Dispensing Notes From Abroad	256
Daphnia	61	Distribution of Selenium in Nature	144
Daphnia (S)	97	Drinking Water (S)	310
Daphnia Propagation	103	Drug Extraction Processes, New (A)	179
Dead Sea Production of Potash (S)	380	Drugs of the Bible	280
Dentifrices, Early	348	Drug Therapy, Relationship to Agranulocytosis (A)	490
Derivatives of Diphenyl Ether	472	Drunch Stores (S)	186
Determination of Citric Acid as Pentabromoacetone and Its Application to Wine (A)	34	Dry-Ice in the Jewelry Business (S)	342
Diazonium Salts, Decomposition of	243	Dust-Proofing Rooms (S)	341
Dietetics, Treatise by Maimonides	14	Early Dentifrices	348
Differentiation of Chloroform and Carbon Tetrachloride (A)	452		
Digitalis, Early History of	353		
Dihydrodesoxymorphine D (S)	41		

	PAGE		PAGE
Economic Plants (B) .....	223	Flax (S) .....	135
Egg Yolk Emulsifying Ingre- dient (A) .....	493	Flax of the Bible .....	287
Empyreumatic Oil of Chabert a Century Ago .....	314	Fluorescence Acidimetric and Ad- sorption Indicators, Some Ex- amples of (A) .....	89
Emulsifying Ingredient in Egg Yolk (A) .....	493	Fluorides in Wine .....	512
Emulsions, Pharmaceutical, Use of Hand Homogenizer for Ex- temporaneous Preparation of ..	158	Food and Drug Law Enforcers, Federal, More Power to (E) ..	345
Endocrine Glands, Powdered, Desiccated, Microscopy of ....	463	Food Dyestuffs (S) .....	136
Endocrine Research, 1935 (S) ..	265	Forapin (A) .....	133
Ephedrine and Pseudo-Ephedrine, Comparison (A) .....	90	Founders' Day .....	86
Ergometrine, Preparation of (A) ..	337	Frankincense of the Bible .....	287
Ergot, Determination of Alkaloids in (A) .....	217	Galbanum of the Bible .....	288
Eriodictyon, Pharmacology of ..	500	Gall of the Bible .....	288
Estimation of Chloramine in Water Supplies (A) .....	452	Galvanic Currents in Dental Work (S) .....	222
Ether, Test for Peroxide in (A) ..	102	Gastrointestinal Effects of Smok- ing .....	531
Ether Frolics in 1835 (S) .....	343	Glands, Endocrine, Powdered, Desiccated, Microscopy of ....	463
Ethers .....	474	Glauber's Salt (S) .....	221
Evaluation of Aloe .....	47	Glycerin, Detection of, in Mix- tures (A) .....	132
Extraction of Ipecac Root (A) ..	454	Glycerin, Zinc Oxide and Bismuth Subnitrate Incompatibility (A) ..	550
Eye Drops, Sterilization by Hy- droxybenzoic-Acid Esters (A) ..	454	Gold of the Bible .....	289
Fairmount Park, Survey of Springs of .....	358	Grapefruit Oil (A) .....	102
Ferrous Iron, Determination of (A) .....	339	Graphite (S) .....	259
Figs of the Bible .....	287	Gum Tragacanth Determination (A) .....	549
		Gutzeit Method, Zinc Pellets for Generation of Arsine in (A) ..	379

	PAGE		PAGE
Hairs, Number of (S) .....	311	Hydrocyanic Acid, Preparation and Properties .....	407
Halogens, Organically Combined, A New Semi-Microdetermina- tion by Titrimetric Means (A) .....	255	Hydrogen Ion Concentration of Tears (A) .....	252
Health, Public, Newer Concepts of .....	227	Hydrogen, Replacement of the Amino Group of Aromatic Amines by .....	242
Hearts of Smokers .....	537	Hydroxybenzoic Acid Esters for Sterilization of Eye Drops (A) .....	454
Heavy Water Molecules Trace Water in Body (A) .....	188	Hyoscyamine, Detection of (A) ..	184
Heisig's Method of Determination of Ferrous Iron (A) .....	339	Hypophosphites, Determination of (A) .....	216
Helium in the Air (S) .....	312	Hypophosphites, Report on (A) ..	32
Hemlock Plaster a Century Ago ..	314	Hyssop of the Bible .....	290
Hemlock of the Bible .....	289	In Memoriam—Frederick B. Kil- mer and William L. Cliffe ....	83
Henna of the Bible .....	289	Incompatibility of Dimethylamino- antipyrine (A) .....	92
Heroin in Red Pills .....	205	Incompatibility of Zinc Oxide, Bismuth Subnitrate and Glyce- rin (Aqueous Mixtures) (A) ..	550
Herring Fish Oil (A) .....	219	Indigo .....	85
Hexylresorcinol as an Anthelmin- tic (A) .....	91	Injectio Bismuthi, Sterilization of (A) .....	337
History, Early, of Digitalis ....	352	Inject. Adrenaline Chlorohydratus	93
Homatropine, Detection of (A) ..	184	Inject. Caffeiini Compositum ....	94
Homogenizer (Hand) and Its Use for the Extemporaneous Prepa- ration of Pharmaceutical Emul- sions .....	158	Inject. Camphorae Oleosum ....	93
Honey and Bees, Arsenic Content After Dusting With Arsenicals (A) .....	303	Inject. Chinini Iodobismutatis ...	93
Honey, for Wounds (A) .....	471	Inject. Emitini Hydrochloridi (A)	94
Honey of Trebizond a Century Ago .....	315	Ink, River of (S) .....	344
Hydrocarbons, Classification of (A) .....	453	Ink, Some History of (S) .....	343
		Insect Damage (S) .....	310

PAGE	PAGE
Insecticides as Parasiticides (S) 342	Luciferin ..... 246
Iodide Ion Determination (A) .. 490	Maggots (S) ..... 261
Iodine, Micro-Determination of in Common Salt (A) ..... 499	Magnesia and Sodium Bicarbonate (A) ..... 258
Iodine, New Mild Tincture of (E) 393	Man, Chemical Analysis of ..... 481
Ipecac Root Extraction (A) .... 454	Maimonides, His Medical Works and Treatise on Personal Hy- giene and Dietetics ..... 14
Iron Content of Spinach (S) ... 341	Man Labors—Nature Works (E) 43
Isotope ..... 191	Mandrake of the Bible ..... 291
Isotope Census (S) ..... 137	Man's Composition (S) ..... 186
Ivy Poison Treatment ..... 137	Manganese, Separation of Zinc From (A) ..... 180
Jelopar Nasal Jelly (A) ..... 133	Manna of the Bible ..... 292
Juniper Berries a Century Ago .. 315	Medical Works of Maimonides and His Treatise on Personal Hygiene and Dietetics ..... 14
Juniper of the Bible ..... 290	Methylchloranthrene (S) ..... 222
Karaya Gum Detection (A) .... 549	Mercurial Ointment, Mercury in (A) ..... 183
Kier, S. M. (S) ..... 381	Mercurochrome, Determination of Mercury Content of (A) ..... 340
Kilmer, Frederick B.—In Memo- riam ..... 83	Mercury Content of Mercuro- chrome (A) ..... 340
Kjeldahl-Nessler Process for Rapid Determination of Nitro- gen (A) ..... 36	Mercury in Mercurial Ointment (A) ..... 183
Kr in Air and Recovery of (S) .. 312	Microchemistry of Antipyrine (A) 375
Krameria, Pharmacology of .... 500	Microchemical Reactions of Pyra- midon (A) ..... 374
l-Mandelic Acid, Properties, etc. 438	Microchemistry, Microscopic Methods in (B) ..... 554
Lactometer, New, Reading Total Solids ..... 212	Microdetermination of Caffeine (A) ..... 377
Lead, Volumetric Method for (A) 89	
Life Expectancy of Early Greeks (S) ..... 39	
Like Cures Like ..... 137	
Liver, Liquid Extract of (A) ... 252	
Lotions for Sunburn ..... 488	

PAGE	PAGE
Micro-Determination of Iodine in Common Salt (A) ..... 499	New Remedies (A) ..... 133
Microscopic Methods in Micro- chemistry (B) ..... 554	Nicotine-Free Tobacco (S) ..... 96
Microscopy of Powdered Desic- cated Endocrine Glands .. . . . 463	Nicotine in "Stumps" (S) ..... 309
Minerals in the Body (S) ..... 383	Nicotine Poisoning (S) ..... 220
Mint of the Bible ..... 293	Nitrites in Tablets (A) ..... 38
Mold, New, Makes Sarcolactic Acid (A) ..... 188	Nitrites in Tablets, Determina- tion of (A) ..... 218
Molecules, The Noise of (E) ... 99	Nitrogen, Rapid Determination of, by a Kjeldahl-Nessler Process (A) ..... 36
Moulds, Comparative Efficiency of Preservatives Against (A) .. 373	Noise of Molecules (E) ..... 99
Morphine Determination ..... 194	Novocaine Solutions, Decomposi- tion of Sterilization and Stand- ing (A) ..... 254
Morphine in Red Pills ..... 205	Nutmeg Groves ..... 79
Morphine Manufacture (A) .... 91	Nux Vomica and Ammonia (A) 258
Mounts, Permanent Aqueous Mi- croscopic (A) ..... 451	Obnoxious Odors (S) ..... 98
Moxibustion (S) ..... 137	Odors, Obnoxious (S) ..... 98
Mulford, Henry Kendall ..... 485	Oils of Artemisia Rigida (Nutt.) Gray ..... 177
Mustard Seed of the Bible ..... 293	Oil, Herring Fish (A) ..... 219
Myrrh of the Bible ..... 294	Oil of Peppermint Analysis (A) 490
Myrrh, Pharmacology of ..... 500	Oils, Sterilization by Dry Heat (A) ..... 335
Narcosis a la Reine (S) ..... 261	Oils, Sterilization of (A) ..... 336
Narcotic Addiction, New Treat- ment for (S) ..... 266	Ointments, Determination of Ele- mental Sulfur in (A) ..... 552
Nature, Distribution of Selenium in ..... 144	Ointments of the Bible ..... 295
Ne in air (S) ..... 312	Olive Oil of the Bible ..... 296
Neff, J. U. Heritage (S) ..... 187	Onions, a New Use (S) ..... 40
New Mild Tincture of Iodine (E) 393	Onycha of the Bible ..... 297

	PAGE		PAGE
Ophthalmology, Buffer Solutions in (A) .....	252	Phenobarbitone in Mixture (A) ..	258
Opium Alkaloids (A) .....	133	Phenylmercuric Nitrate (A) ....	224
Opium Analysis, Acid Hydrolysis Method .....	515	Phenylmercuric Nitrate, Prepara- tion of (A) .....	224
Opium Assaying, A Comparison of the Method Proposed by the International Committee and the Group Committee Method Rec- ommended for Adoption in the U. S. Pharmacopœia, XI .....	193	Philadelphia College of Pharmacy and Science By-Laws .....	386
Opium Substitute, The Red Pill ..	199	Philadelphia College of Pharmacy and Science, Constitution ....	384
Optochin (S) .....	260	Philadelphia College of Pharmacy and Science, 113th Commence- ment .....	304
Organic Medicaments, Determina- tion of Silver in (A) .....	338	Philadelphia College of Pharmacy and Science, Scholarship An- nouncement .....	547
Ovary, Powdered .....	466	Physician, What He Should Know About Tobacco Smoking .....	526
Oxidation of Cod Liver Oil (A) ..	548	Pint and Pound (S) .....	185
Oxyanthraquinones .....	51	Pituitary Gland (S) .....	95
Paper Chronology (S) .....	382	Pituitary, Powdered .....	465, 466
Pellagra .....	228	Plant Chemistry Occurs in Steps (A) .....	300
Peppermint Oil Analysis (A) ...	490	Plant Dyes (S) .....	40
Peroxide in Ether, Test for (A) ..	102	Podophyllum, Determination of (A) .....	219
Personal Hygiene, Treatise by Maimonides .....	14	Poisons, The Availability of (E) ..	225
Pentabromoacetone, Citric Acid Determined as, and Its Applica- tion to Wine (A) .....	34	Poley, Warren H., 1935 Found- ers' Day Honor Guest .....	86
Petromortis (S) .....	381	Polyvinyl Acetate in Safety Glass Manufacture (A) .....	211
Pharmacists, State Requirements ..	476	Pomegranate of the Bible .....	297
Pharmacology of Myrrh, Krame- ria and Eriodictyon .....	500	Popular Practice of Fraud (B) ..	139
Pharmacopœia, New (E) .....	497	Popular Science Lectures .....	45
Phenobarbital in Mixture (A) ..	258	Potassium Bromate, Preparation of Standard Solutions of (A) ..	379

PAGE	PAGE
Potassium Citrate and Aspirin (A) ..... 256	Quinine Distinguished From Quinidine (A) ..... 491
Potash From the Dead Sea (S) .. 380	Quinine Sulphate and Sodium Salicylate (A) ..... 257
Potassium Ferrocyanide in Standardization of Dilute Potassium Permanganate (A) ..... 453	Radicles, Acid, Estimation of Alkaloidal Salts by Direct Titration of ..... 237
Potassium Permanganate, Use of Potassium Ferrocyanide in Standardization of (A) ..... 453	Raisin Analysis (S) ..... 342
Powders, Determination of Elemental Sulfur in (A) ..... 552	Rancidity Retarding (A) ..... 491
Preparation of Tetrahydronaphthalene Peroxide ..... 29	Rat, Absorption and Storage of Vitamin A in (A) ..... 35
Preservatives, Comparative Efficiency of, Against Moulds (A) 373	Raynoud's Disease ..... 541
Procaine, Separation and Detection of Cocaine in Mixtures of Cocaine and Procaine ..... 270	Red Pill, The, or the Opium Substitute ..... 199
Propylene Glycol as a Solvent (A) ..... 256	Requirements for Pharmacists by States ..... 476
Pseudo-Ephedrine and Ephedrine, Comparison of (A) ..... 90	Retarding Rancidity (A) ..... 491
Public Health, Newer Concepts of 227	Rheumatism and Vitamin D .... 143
Pure Water (E) ..... 267	Rhus Toxicodendron, Toxic Principle of (A) ..... 316
Pyramidon, Microchemical Reactions of (A) ..... 374	Romance of Exploration (B) ... 138
Quinaldinic Acid as a Micro-Reagent (A) ..... 180, 181	Safety Glass Manufacture, Use of Polyvinyl Acetate in (A) .... 211
Quinidine Distinguished From Quinine (A) ..... 254	Saffron of the Bible ..... 297
Quinidine Distinguished From Quinine (A) ..... 491	Salt, Micro-Determination of Iodine in (A) ..... 499
Quinine Distinguished From Quinidine (A) ..... 254	Salts, Alkaloidal, Estimation of, by the Direct Titration of Their Acid Radicals ..... 237
	Sandalwood of the Bible ..... 297
	Santonin, Determination in Mixtures (A) ..... 217
	Sarcolactic Acid Made by New Mold (A) ..... 188

	PAGE		PAGE
Scholarship Announcement, Philadelphia College of Pharmacy and Science .....	547	Spermaceti, Pink (S) .....	382
Science Marches On (E) .....	1	Spices and the Caribbees .....	73
Scientific and Technical Abstracts .....	216, 451, 490, 549	Spikenard of the Bible .....	298
Scientific Research Not to Be Pitied (S) .....	308	Spinach, Iron Content (S) .....	341
Scopolamine, Detection of (A) ..	184	Spotted Fever .....	231
Sea—Inside, The Story of Sea Water .....	317	Springs of Fairmount Park, Survey of .....	358
Sedonan (A) .....	133	Stacte of the Bible .....	298
Selenium, Distribution of, in Nature .....	144	Standard Solutions of Potassium Bromate, Preparation of (A) ..	379
Selenium, The Strange (E) ....	141	State Requirements for Pharmacists .....	476
Shanks, William (S) .....	96	Sterilization by Dry Heat (A) ..	335
Silver, Determination of, in Organic Medicaments (A) .....	338	Sterilization Notes (A) .....	93
Skin-Absorbed Vitamins (A) ....	279	Sterilization of Sodium Diethylbarbiturate Solution (A) .....	13
Snake Bites (S) .....	262	Stewart, Francis E., 1935 Founders' Day Honor Guest .....	86
Sodium Bicarbonate and Magnesia (A) .....	258	Strychnine, Separation From Cinchona Alkaloid .....	349
Sodium Diethylbarbiturate Solutions, Sterilization of (A) ....	13	Sulfur, Colloidal, for Arthritis (A) .....	493
Sodium, Microchemical Colorimetric Determination of (A) ..	551	Sulfur, Elemental, Determination of, in Powders and Ointments (A) .....	552
Sodium Rhodanate Useless for Mental Disease (A) .....	307	Sunburn Lotions .....	488
Sodium Salicylate and Quinine Sulphate (A) .....	257	Supersonic Heights (S) .....	308
Solid Beer (S) .....	39	Suprarenal, Powdered .....	464
Solid Extracts .....	220, 308	Survey of Springs of Fairmount Park .....	358
Solids, Total, A New Lactometer for Reading .....	212	Sweat, Composition of (A) .....	215
Soporific Sponge (S) .....	311	Syrup of Orgeat a Century Ago ..	314
Speed (S) .....	263	Tablets, Report on Nitrites in (A) ..	38
		Tannic Acid Studies .....	503
		Tartaric Acid, New Relation of (A) .....	376

	PAGE		PAGE
Tajans Method of Determining Iodide Ions (A) .....	490	Vitamin Products (S) .....	259
Tears, Hydrogen-Ion Concentration of (A) .....	252	Vitamins, Skin-Absorbed (A) ..	279
Termites (S) .....	308	Vitamin Sources (A) .....	372
Test Tuberculin (S) .....	41	Volatile Oil of Achillea Millefolium Linné .....	33
Tetra-amino Cupric Sulphate (A) .....	255	War Gas (S) .....	96
Tetrahydronaphthalene Peroxide, Preparation of .....	29	Water in Body Traced by Heavy Water Molecules (A) .....	188
Tetrachloroethylene in Mixtures (A) .....	183	Water in Normal Salt Solutions (S) .....	310
Thromboangiitis Obliterans .....	540	Water in Ship Boilers (S) .....	135
Thyro-Tips (S) .....	136	Water, New Method of Determination (A) .....	493
Thyroid Diseases (S) .....	221	Water, Pure (E) .....	267
Thyroid, Powdered .....	463	Water Supplies. Estimation of Chloramine in (A) .....	452
Time-Tried Medicines .....	44	Wine, Application of Determination of Citric Acid as Pentabromoacetone (A) .....	34
Tobacco Sensitiveness (S) .....	186	Wine of the Bible .....	299
Tobacco Smoking, What the Physician Should Know About It..	526	Wine, Fluorides in .....	512
Traces From Tons (A) .....	312	Wöhler (S) .....	41
Trachoma (S) .....	222	Wormwood of the Bible .....	299
Typhus Fever .....	232	Xe in Air and Recovery of (A) ..	312
Tyrosine, Method of Separation of Large Amounts From Cystine	162	Yeast—In Medicine (A) .....	494
Urea (S) .....	41	Zanzibar Clove (S) .....	39
Vitamin A, Absorption and Storage of in the Rat (A) .....	35	Zinc Oxide, Bismuth Subnitrate and Glycerin Incompatibility (A) .....	550
Vitamin "A" and "D" Products..	241	Zinc Pellets for Generation of Arsine in Gutzeit Method (A)..	379
Vitamin C in Green Vegetables (S) .....	341	Zinc, Separation From Manganese (A) .....	180
Vitamin D and Rheumatism .....	143		
Virus Infections .....	233		

